

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08309

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B65B31/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 534 282 A (GARWOOD ANTHONY J M) 9 July 1996 (1996-07-09) column 6, line 28 -column 10, line 50; figures ---	1-8
X	EP 0 314 546 A (MECAPLASTIC) 3 May 1989 (1989-05-03) column 2, line 46 -column 5, line 32; figures ---	1,2,4-8
A	US 5 514 392 A (GARWOOD ANTHONY J M) 7 May 1996 (1996-05-07) ---	
A	FR 2 725 692 A (AUTOMATISME ASSISTANCE) 19 April 1996 (1996-04-19) ---	
A	US 5 529 178 A (GORLICH MICHAEL P) 25 June 1996 (1996-06-25) ---	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

2 December 2003

Date of mailing of the International search report

12/12/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08309

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5534282	A 09-07-1996		AT 133134 T AT 123265 T AU 6282390 A AU 6283790 A AU 667639 B2 AU 6879694 A AU 671757 B2 AU 6883294 A WO 9103407 A1 WO 9103400 A1 CA 2066404 A1 CA 2066448 A1 DE 69019827 D1 DE 69024963 D1 DE 69024963 T2 EP 0489797 A1 EP 0489798 A1 US 5514392 A	15-02-1996 15-06-1995 08-04-1991 08-04-1991 28-03-1996 13-10-1994 05-09-1996 13-10-1994 21-03-1991 21-03-1991 01-03-1991 01-03-1991 06-07-1995 29-02-1996 19-09-1996 17-06-1992 17-06-1992 07-05-1996
EP 0314546	A 03-05-1989		FR 2622171 A1 AT 59352 T DE 3861456 D1 EP 0314546 A1	28-04-1989 15-01-1991 07-02-1991 03-05-1989
US 5514392	A 07-05-1996		AT 133134 T AT 123265 T AU 6282390 A AU 6283790 A AU 667639 B2 AU 6879694 A AU 671757 B2 AU 6883294 A WO 9103407 A1 WO 9103400 A1 CA 2066404 A1 CA 2066448 A1 DE 69019827 D1 DE 69024963 D1 DE 69024963 T2 EP 0489797 A1 EP 0489798 A1 US 5534282 A	15-02-1996 15-06-1995 08-04-1991 08-04-1991 28-03-1996 13-10-1994 05-09-1996 13-10-1994 21-03-1991 21-03-1991 01-03-1991 01-03-1991 06-07-1995 29-02-1996 19-09-1996 17-06-1992 17-06-1992 09-07-1996
FR 2725692	A 19-04-1996		FR 2725692 A1	19-04-1996
US 5529178	A 25-06-1996		US 5419096 A AT 188660 T AT 247028 T AU 688329 B2 AU 6952094 A CA 2163230 A1 CA 2261199 A1 DE 69422620 D1 DE 69422620 T2 DE 69433041 D1 EP 0699157 A1 EP 0899209 A2 EP 0949147 A1	30-05-1995 15-01-2000 15-08-2003 12-03-1998 20-12-1994 08-12-1994 08-12-1994 17-02-2000 31-05-2000 18-09-2003 06-03-1996 03-03-1999 13-10-1999

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page 1 of 2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08309

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5529178	A	JP 8510708 T	12-11-1996
		JP 2001294278 A	23-10-2001
		NZ 267278 A	24-11-1997
		WO 9427868 A2	08-12-1994
		US 5509252 A	23-04-1996